

Week ending November 1, 2008

## Countdown to Pad Abort-1 - 169 days



**The Pad Abort-1 Nose Cap is complete and awaiting shipment to Dryden Test Flight Facility in December.**

The photo at left shows the nose cap integrated to the instrumented nose cone section.



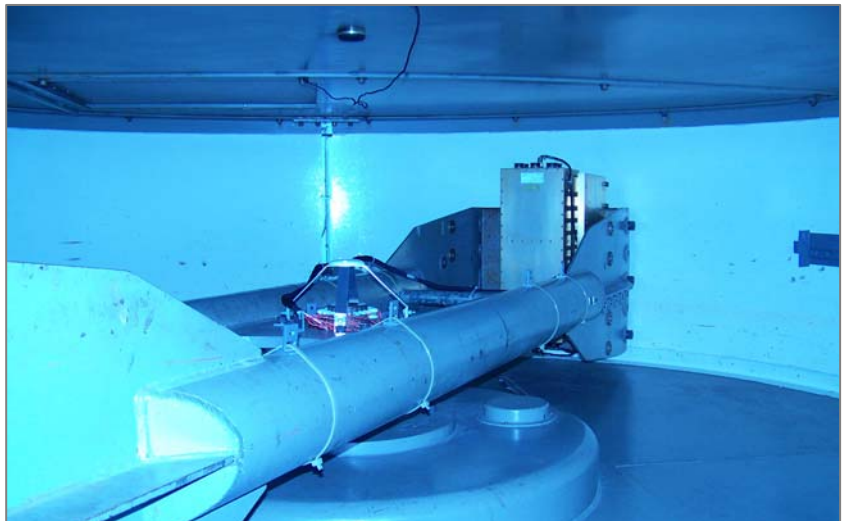
**The Launch Abort System Abort Motor was transported to the test stand in preparation for the November 20 full-scale test fire of the Launch Abort Motor for the Orion crew exploration vehicle (Photo below).** A test like this has not been conducted since the Apollo Program tested its launch escape system. This test is the culmination of a series of motor and component tests that were conducted earlier this year in preparation for the Pad Abort-1 Flight Test scheduled for spring 2009.



**Honeywell recently completed an acceleration protoflight test of the Pad Abort 1 Spare Flight Test-Remote Interface Unit (FT-RIU) (Photo right).**

The test simulated launch loads to demonstrate the FT-RIU will perform during the Pad Abort-1 launch.

**Michoud Assembly Facility Universal Weld System** continued installation of conduit and hydraulic lines in preparation for z-axis boom delivery and installation. Utility installation is complete at the Universal Weld System 2.



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## Communications & Public Engagement

**Astronaut Lee Morin gave an avionics and flight control panel overview at an *Orion* All Hands Team meeting of the most recent configuration of the Honeywell flight panel displays in the NASA Auditorium at Michoud Assembly Facility.** Morin displayed a small-scale mock-up of a prototype of the most recent configuration of the *Orion* crew exploration vehicle cockpit. Morin, who flew on the STS-110 mission, is the NASA deputy lead on the *Orion* Cockpit working group currently developing prototyping display layouts for the Crew Module.



**Lockheed Martin provided a Constellation Program – Orion crew exploration vehicle overview to a group of 50 freshman engineering students at Texas A&M University.**